

Long-term planning
Trilogy Science – Years 10 and 11

Biology (Trilogy)

Year 10	Term 1		Term 2		Term 3	
THEMES	B2 Cell Division	B3/4 Organisation in animals and plants (Nutrition and Blood)	B5 Communicable diseases	B6 Preventing and treating disease	B7 non-communicable diseases	Required practical focus
Assessment	Assessment 1: End of unit test. Organisation in animals and plants (Nutrition and Blood)	Assessment 2: Consolidation test: Organisation	Assessment 3: End of unit test: B6 Preventing and treating disease	Assessment 4: Consolidation test: Preventing and treating disease and non-communicable diseases	Assessment 5: Consolidation test: Photosynthesis and Respiration.	Assessment 6: Paper 1 Mock
Year 11	Term 1		Term 2		Term 3	
THEMES	B10/ B11 The Nervous System /Hormonal Coordination	B12 Genetics and reproduction	B13 Variation and Evolution	B14 Genetics and Evolution	B15 Adaptations, Interdependence and competition	B16 & B17 Ecosystems and Biodiversity
Assessment	Assessment 1: End of unit test: Hormonal Coordination	Assessment 2: Consolidation test: Homeostasis and Reproduction	Assessment 3: End of unit test: Variation and Evolution	Assessment 4: Consolidation test: P1 Mock	Assessment 5: Consolidation test: Genetics, Variation and Evolution	Assessment 6: Consolidation test: P2 Mock

Physics (Trilogy)

Year 10	Term 1		Term 2		Term 3	
THEMES	P4 Electric circuits	P5 Electricity in the home	P6 Molecules and matter	P7 Radioactivity	Paper 1 mock revision and intervention	P8 Forces in balance
Assessment	Assessment 1: End of unit test. Electric circuits	Assessment 2: Consolidation test: Energy /Electricity in the home	Assessment 3: End of unit test: Molecules and matter	Assessment 4: Consolidation test: P1 Mock	Assessment 5: Paper 1 Mock	Assessment 5: End of unit test. Forces in balance
Year 11	Term 1		Term 2		Term 3	
THEMES	P10 Forces and motion	P11 Wave properties	P12 The electromagnetic spectrum	P13 Electromagnetism	Early Units Consolidation	Exam Technique, Required Practical Review and Consolidation.
Assessment	Assessment 1: Consolidation test: Forces and Motion	Assessment 2: End of unit test: Waves	Assessment 3: Consolidation test: Year 9 units: Energy	Assessment 4: End of unit test: Electromagnetism	Assessment 5: Consolidation test: Paper 2 Mock	Assessment 6: Consolidation test: Year 10 units: Radioactivity / Molecules and Matter

Chemistry (Trilogy)

Year 10	Term 1		Term 2		Term 3	
THEMES	C3 Structure and Bonding	C4 Chemical Calculations	C5 Chemical Changes	C6 Electrolysis	C7 Energy Changes	C8 Rates and Equilibrium
Assessment	Assessment 1: End of unit test Structure and Bonding	Assessment 2: Consolidation test: Atoms, Ions and Moles	Assessment 3: End of unit test: Chemical Changes	Assessment 4: Consolidation test: Electrolysis and Energy Changes (Term 3)	Assessment 5: Consolidation Test: Mock paper 1	Assessment 6: End of Unit test: Equilibrium
Year 11	Term 1		Term 2		Term 3	
THEMES	C8 Rates and Equilibrium	C9 Crude oil & Fuels	C10 Chemical analysis	C11/C12 The Earth's Atmosphere / The Earth's resources	Exam Technique, Required Practical Review and Consolidation.	Exam Technique, Required Practical Review and Consolidation.
Assessment	Assessment: End of Unit test	Assessment 1: End of unit test: Crude oil & Fuels	Assessment 2: Consolidation test: Chemical Analysis + Equilibrium (C8)	Assessment 3: Consolidation test: The Earth's Atmosphere + Earth's resources	Assessment 4: Consolidation test: Required Practical questions Paper 1	Assessment 5: Consolidation test: Required Practical questions Paper 2
						Assessment 6: Consolidation Test: Mock Paper 2